

[COMMERCIAL PROCESS FOR ISOLATION AND PURIFICATION OF GLABRIDIN WITH HIGH TYROSINASE INHIBITORY ACTIVITY AND ITS COSMETIC COMPOSITION AND METHODS OF USE]

Abstract of Disclosure

Commercially viable processes comprising non-chromatographic methods for the isolation and purification of glabridin from the roots of Licorice, *Glycyrrhiza glabra*, are disclosed. Also disclosed are multifunctional cosmetic compositions of glabridin with other tyrosinase inhibitors and/or antioxidants, and/or sunscreen agents, for promoting skin fairness and affording protection of keratinous tissue against environmental aggressors such as smoke, dirt and UV radiation. The compositions are preferably in the form of oil in water emulsions and may optimally contain one or more emulsifiers, preservatives, thickeners, sunscreens, additional antioxidants, anti-wrinkle components, emollients, skin protectant, skin permeation enhancers, and the like.

Figures